

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
 Data File : BF078230.D
 Acq On : 3 Apr 2015 7:26
 Operator : TP/IZ
 Sample : G1600-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-A-3(J)

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.172	22	25	28	rBV	1569285	1534676	13.50%	0.648%
2	5.653	415	417	420	rVB	644538	909011	8.00%	0.384%
3	6.087	452	455	459	rVB3	476761	959083	8.44%	0.405%
4	6.339	471	477	480	rBV2	375821	705114	6.20%	0.298%
5	6.430	480	485	486	rBV3	892415	1693148	14.89%	0.715%
6	6.464	486	488	491	rVB2	586005	964181	8.48%	0.407%
7	6.533	491	494	496	rBV	807578	1048474	9.22%	0.443%
8	6.624	499	502	506	rVB2	508053	1172126	10.31%	0.495%
9	6.807	516	518	519	rBV	671563	817557	7.19%	0.345%
10	6.842	519	521	523	rVB	2468415	2685942	23.62%	1.134%
11	6.967	526	532	534	rBV2	448253	798391	7.02%	0.337%
12	7.059	539	540	542	rBV2	865858	1224467	10.77%	0.517%
13	7.207	550	553	554	rBV2	843603	1391834	12.24%	0.588%
14	7.379	566	568	571	rBV2	734757	1344872	11.83%	0.568%
15	7.424	571	572	574	rBV	1448128	1738313	15.29%	0.734%
16	7.470	574	576	579	rBV2	708184	920213	8.09%	0.388%
17	7.527	579	581	584	rVB2	806309	1357652	11.94%	0.573%
18	7.687	593	595	599	rBV2	856950	1952303	17.17%	0.824%
19	7.802	602	605	607	rBV	4151399	4462925	39.25%	1.884%
20	7.836	607	608	610	rVB2	902541	997840	8.78%	0.421%
21	7.927	613	616	618	rVB3	451942	705488	6.21%	0.298%
22	8.019	622	624	627	rVB2	1644901	1868991	16.44%	0.789%
23	8.145	632	635	638	rBV3	1100554	2418967	21.28%	1.021%
24	8.202	638	640	642	rVB2	1485248	1474274	12.97%	0.622%
25	8.259	642	645	646	rBV2	743219	1458932	12.83%	0.616%
26	8.282	646	647	649	rVV2	1901162	2405131	21.15%	1.015%
27	8.339	649	652	654	rVB2	2183225	2445959	21.51%	1.033%
28	8.396	654	657	661	rBV2	1563149	3274870	28.80%	1.382%
29	8.567	669	672	673	rBV2	983948	1714998	15.08%	0.724%
30	8.602	673	675	676	rVV	1491592	1691989	14.88%	0.714%
31	8.636	676	678	679	rVV2	4590028	5537860	48.71%	2.338%
32	8.659	679	680	684	rVB	787870	1121727	9.87%	0.474%
33	8.727	684	686	689	rBV2	2088080	2174963	19.13%	0.918%
34	8.853	695	697	700	rBV4	1376513	2131596	18.75%	0.900%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.956	703	706	707	rBV3	783855	1142958	10.05%	0.482%
36	8.990	707	709	710	rBV	983296	977938	8.60%	0.413%
37	9.036	710	713	714	rVB	632224	1005270	8.84%	0.424%
38	9.070	714	716	719	rBV3	1117246	2023956	17.80%	0.854%
39	9.116	719	720	723	rVB2	1103178	1286224	11.31%	0.543%
40	9.173	723	725	728	rBV2	2690823	3511492	30.89%	1.482%
41	9.230	728	730	732	rBV2	1432435	1816222	15.97%	0.767%
42	9.288	732	735	738	rVB4	628600	1277068	11.23%	0.539%
43	9.390	741	744	746	rVV	3934818	6301423	55.43%	2.660%
44	9.425	746	747	749	rVV	980592	968751	8.52%	0.409%
45	9.493	750	753	756	rVB2	3918038	5237767	46.07%	2.211%
46	9.608	760	763	764	rBV2	2527955	3265397	28.72%	1.378%
47	9.756	770	776	778	rBV6	1502918	3675538	32.33%	1.552%
48	9.802	778	780	781	rVV2	756489	1112786	9.79%	0.470%
49	9.836	781	783	786	rVB2	1261894	1379674	12.14%	0.582%
50	9.893	786	788	789	rBV	1050685	1675714	14.74%	0.707%
51	9.916	789	790	792	rVB	2043990	2303274	20.26%	0.972%
52	10.065	801	803	804	rVV2	1043140	1423447	12.52%	0.601%
53	10.099	804	806	808	rVV	4612022	7221502	63.52%	3.049%
54	10.133	808	809	811	rVV2	975950	1429010	12.57%	0.603%
55	10.179	811	813	816	rVV2	1514591	2751509	24.20%	1.162%
56	10.270	819	821	824	rVV	2484357	4550919	40.03%	1.921%
57	10.362	824	829	831	rVV	2866106	5778652	50.83%	2.439%
58	10.396	831	832	836	rVV4	3007851	4562773	40.13%	1.926%
59	10.488	836	840	845	rVV3	2977048	8551119	75.21%	3.610%
60	10.556	845	846	848	rVV2	914712	1097425	9.65%	0.463%
61	10.602	848	850	852	rVB3	1087596	1670691	14.69%	0.705%
62	10.762	861	864	866	rBV2	5332356	8489341	74.67%	3.584%
63	10.842	869	871	872	rVB	819831	834984	7.34%	0.352%
64	10.922	876	878	880	rVB	1442198	2285343	20.10%	0.965%
65	11.036	883	888	890	rBV4	2148222	4264977	37.51%	1.800%
66	11.093	890	893	896	rBV2	1049481	2263489	19.91%	0.956%
67	11.151	896	898	899	rVB	1544862	1817237	15.98%	0.767%
68	11.185	899	901	902	rBV	1079813	1590511	13.99%	0.671%
69	11.288	906	910	913	rBV6	1020639	2647631	23.29%	1.118%
70	11.379	916	918	920	rBV	4371373	6549268	57.61%	2.765%
71	11.448	923	924	926	rVB2	1215534	1192906	10.49%	0.504%

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72	11.493	926	928	930	rBV2	1193129	2033561	17.89%	0.858%
73	11.642	937	941	945	rVB3	2468571	5430772	47.77%	2.293%
74	11.711	945	947	948	rVB	675763	742646	6.53%	0.314%
75	11.745	948	950	953	rBV3	1527637	2882444	25.35%	1.217%
76	11.882	960	962	964	rBV3	495261	837677	7.37%	0.354%
77	11.974	967	970	977	rVB2	4592223	11369197	100.00%	4.799%
78	12.168	986	987	988	rVV	713703	706946	6.22%	0.298%
79	12.202	988	990	992	rVV2	1076124	1845364	16.23%	0.779%
80	12.236	992	993	995	rVB	1046656	912508	8.03%	0.385%
81	12.282	995	997	998	rBV2	519161	812043	7.14%	0.343%
82	12.316	998	1000	1002	rVV3	902696	1277347	11.24%	0.539%
83	12.362	1002	1004	1007	rVB4	921734	1139795	10.03%	0.481%
84	12.522	1015	1018	1020	rBV	3748650	6158448	54.17%	2.600%
85	12.636	1026	1028	1030	rVB	1025864	1055183	9.28%	0.445%
86	12.762	1034	1039	1043	rBV6	623055	2083374	18.32%	0.879%
87	12.899	1049	1051	1052	rBV	581622	775815	6.82%	0.328%
88	12.991	1056	1059	1060	rVV2	598885	895306	7.87%	0.378%
89	13.059	1060	1065	1066	rVV2	3682650	5852716	51.48%	2.471%
90	13.231	1078	1080	1082	rBV	941033	1686416	14.83%	0.712%
91	13.265	1082	1083	1087	rVB	1335896	1770644	15.57%	0.747%
92	13.368	1090	1092	1094	rBV	918754	1158586	10.19%	0.489%
93	13.562	1106	1109	1110	rVV	3339228	4263250	37.50%	1.800%
94	13.619	1110	1114	1119	rVB5	359867	1254480	11.03%	0.530%
95	13.917	1136	1140	1142	rBV2	879456	1451417	12.77%	0.613%
96	13.951	1142	1143	1147	rVB3	457560	781869	6.88%	0.330%
97	14.042	1148	1151	1153	rBV	2644816	3424339	30.12%	1.446%
98	14.499	1187	1191	1193	rVB2	2224993	2768702	24.35%	1.169%
99	14.945	1227	1230	1232	rVB	1206960	1610774	14.17%	0.680%
100	15.368	1264	1267	1269	rVB	779814	866523	7.62%	0.366%

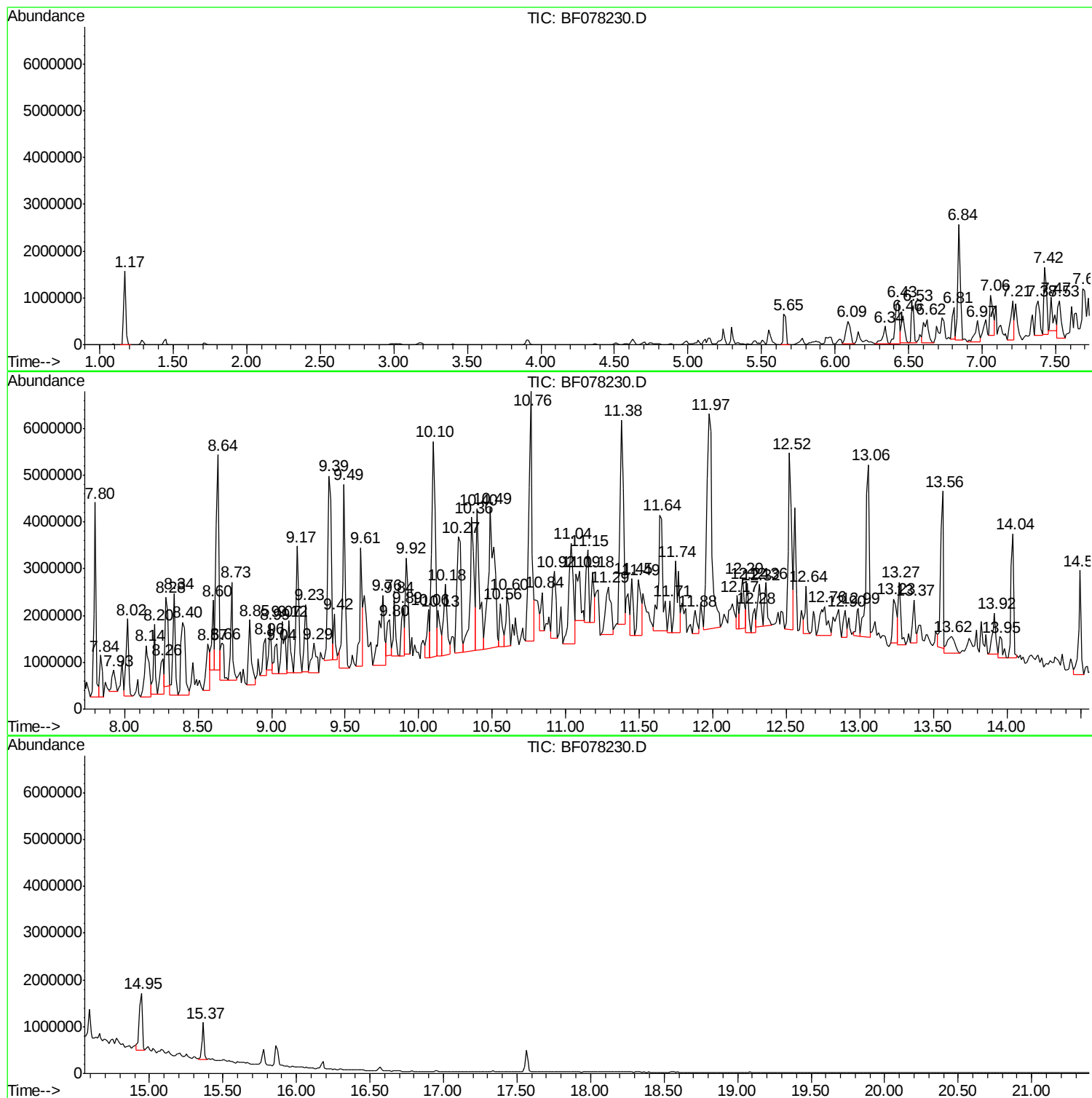
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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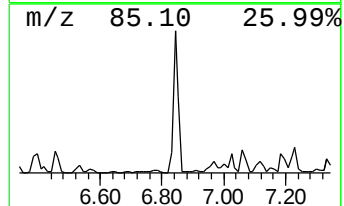
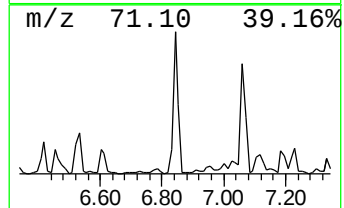
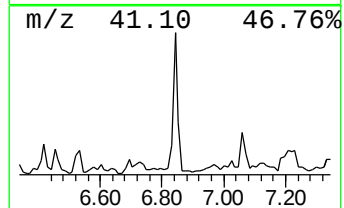
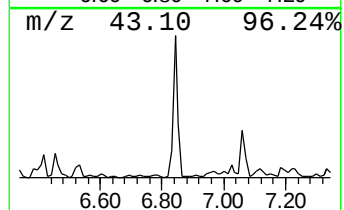
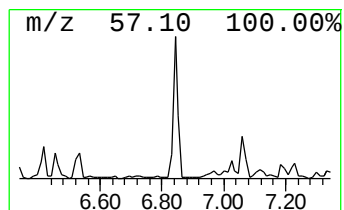
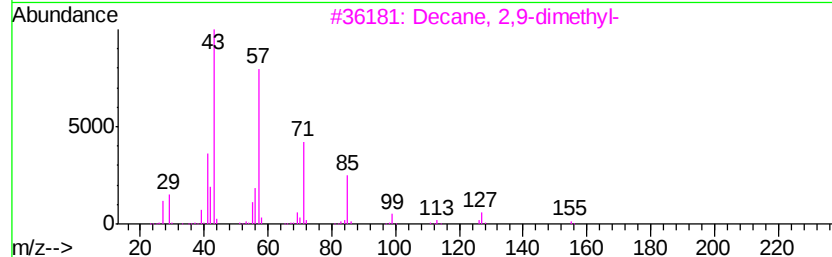
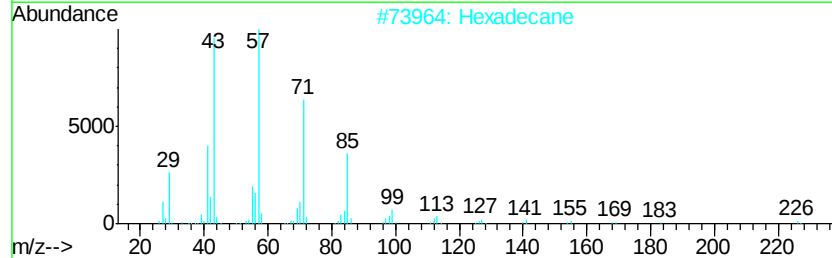
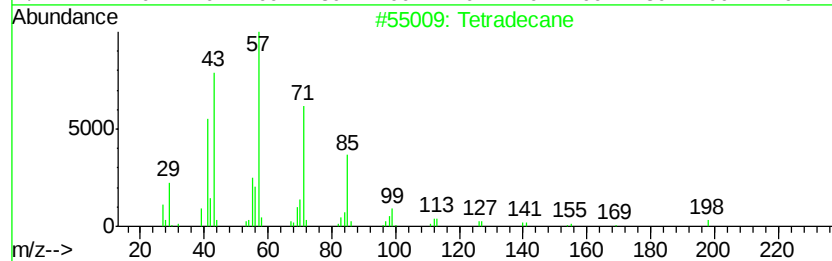
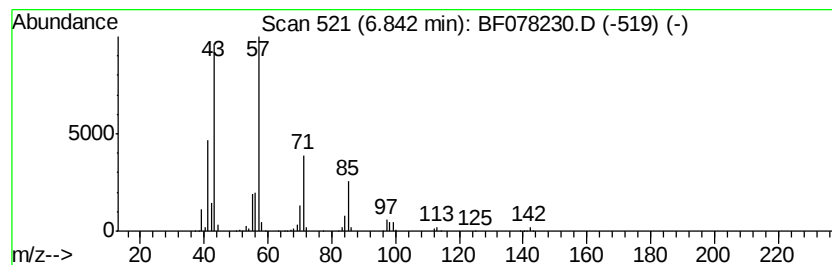
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	43.87 ng	2685940	1,4-Dichlorobenzene-d4	7.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	90
2		Hexadecane	226	C16H34	000544-76-3	72
3		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	72
4		Undecane	156	C11H24	001120-21-4	64
5		Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	64



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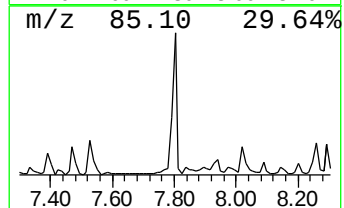
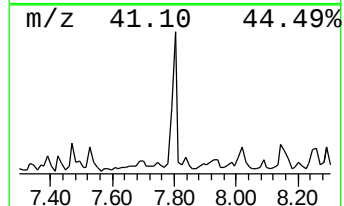
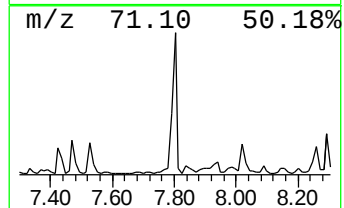
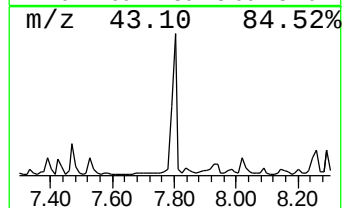
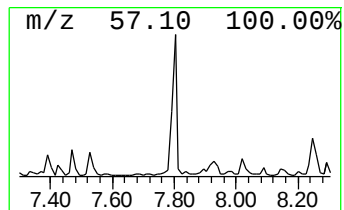
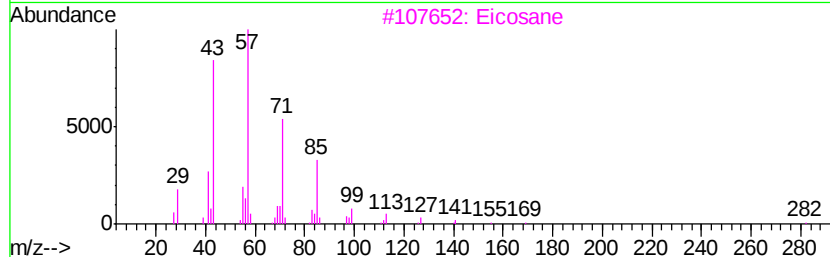
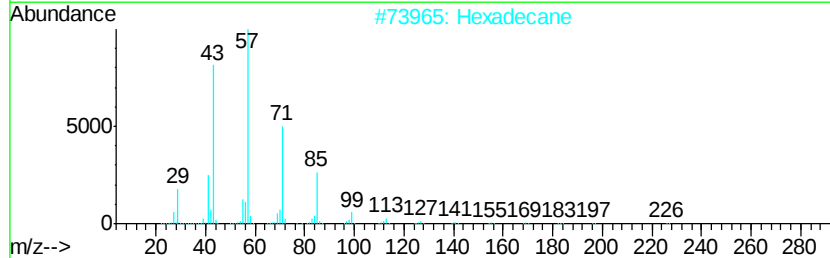
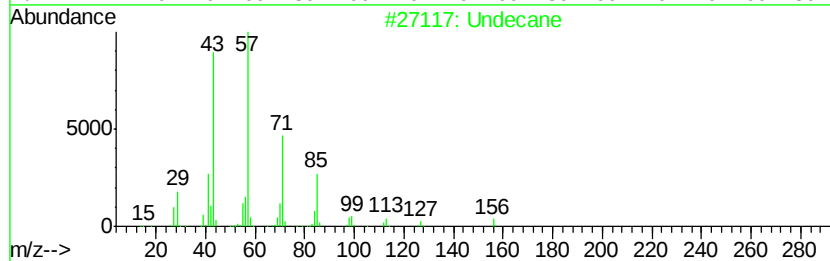
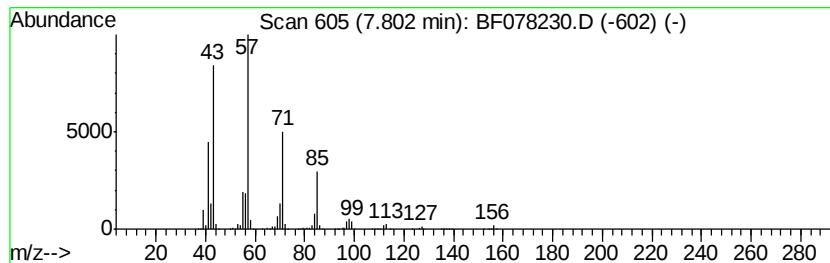
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Undecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	72.90 ng	4462930	1,4-Dichlorobenzene-d4	7.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	87
2		Hexadecane	226	C16H34	000544-76-3	78
3		Eicosane	282	C20H42	000112-95-8	78
4		Tridecane	184	C13H28	000629-50-5	78
5		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	59



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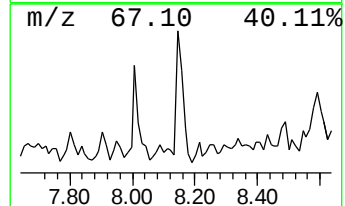
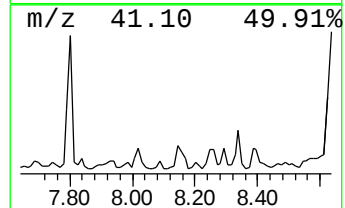
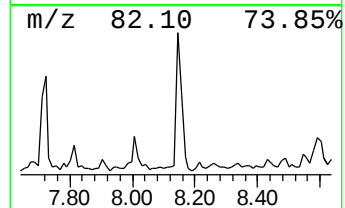
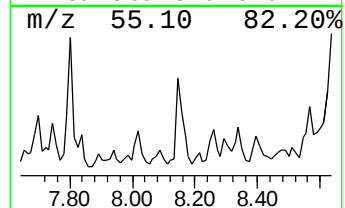
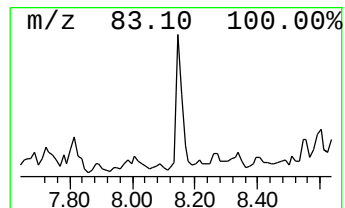
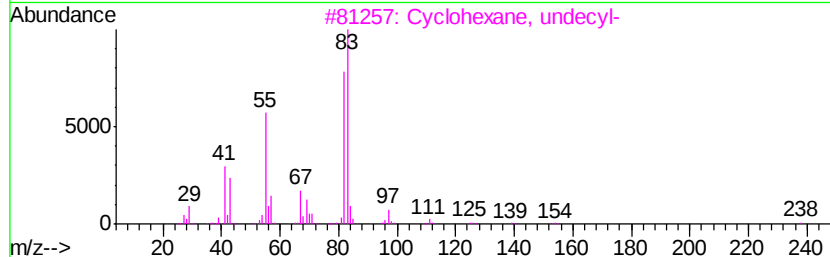
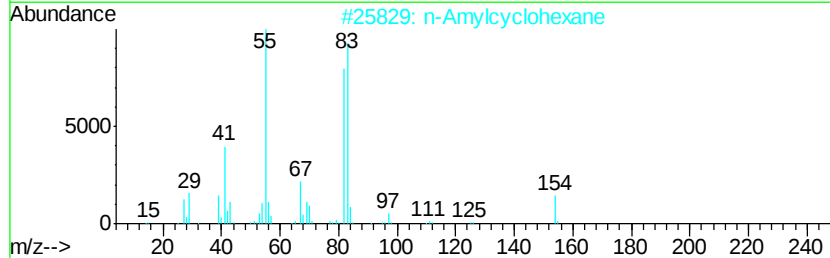
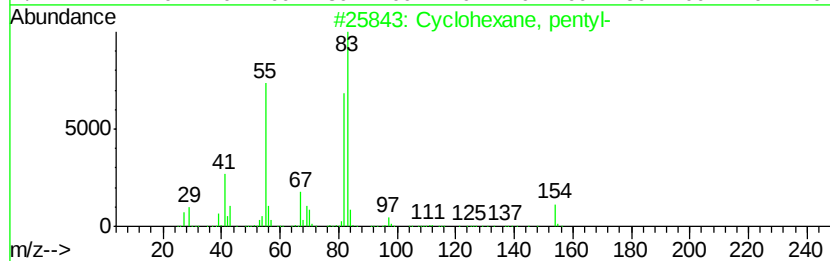
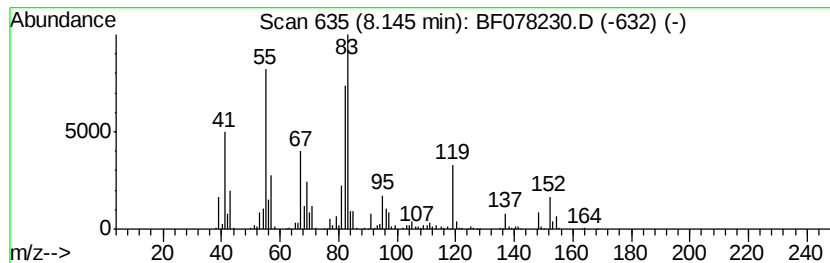
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, pentyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	28.59 ng	2418970	Napthalene-d8	8.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	70
2		n-Amylcyclohexane	154	C11H22	029949-27-7	62
3		Cyclohexane, undecyl-	238	C17H34	054105-66-7	59
4		1-Methylbicyclo[3.3.0]octane-3,7...	152	C9H12O2	021170-08-1	58
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
Data File : BF078230.D
Acq On : 3 Apr 2015 7:26
Operator : TP/IZ
Sample : G1600-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S-A-3(J)

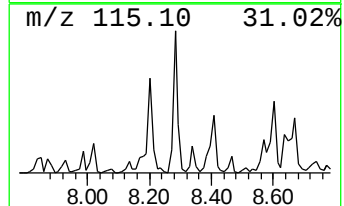
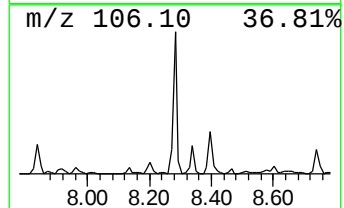
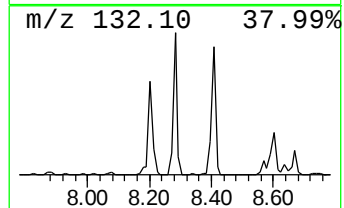
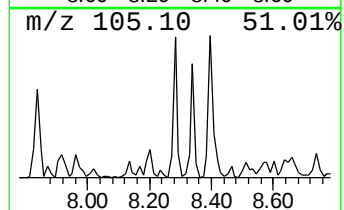
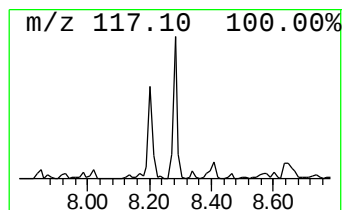
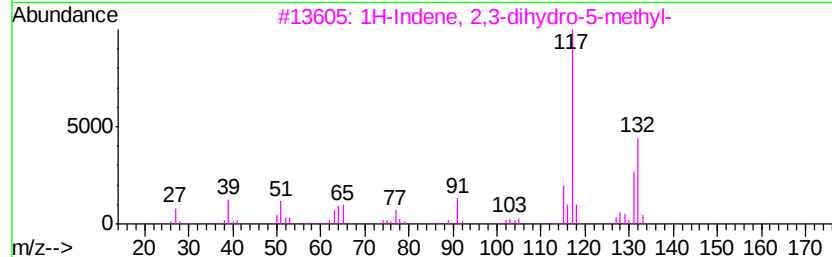
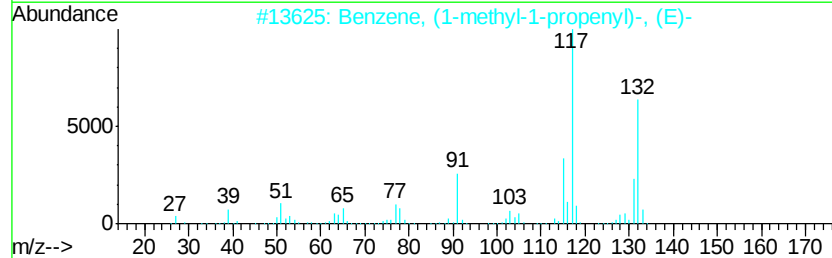
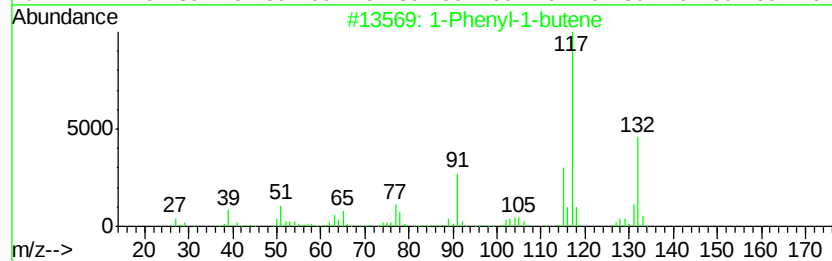
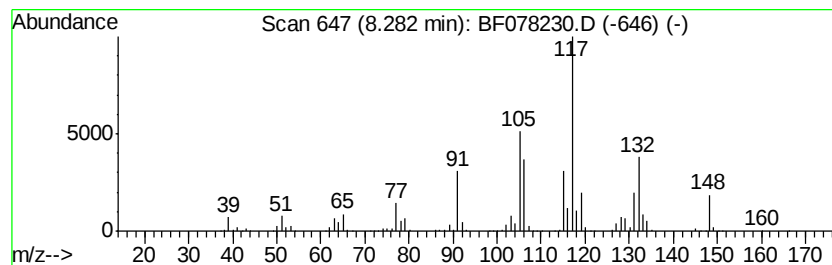
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Phenyl-1-butene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	28.43 ng	2405130	Napthalene-d8	8.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Phenyl-1-butene	132	C10H12	000824-90-8	91
2		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	89
3		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	76
4		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
5		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	70



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
Data File : BF078230.D
Acq On : 3 Apr 2015 7:26
Operator : TP/IZ
Sample : G1600-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
S-A-3(J)

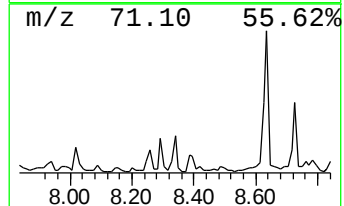
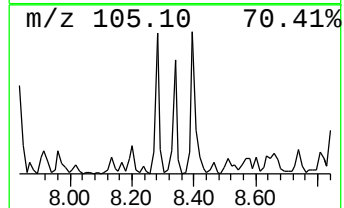
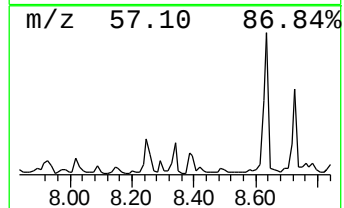
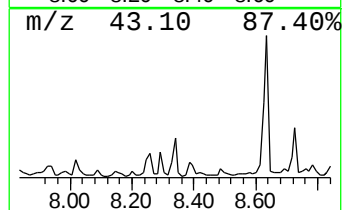
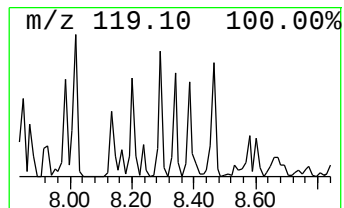
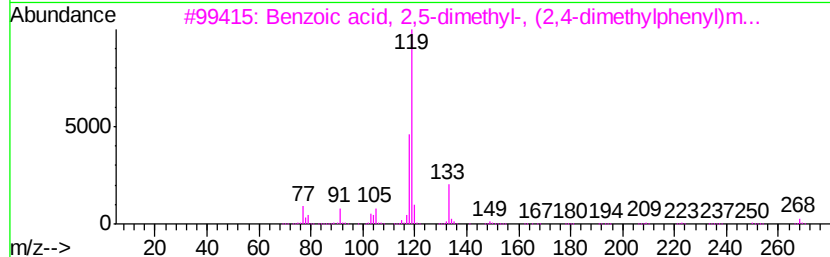
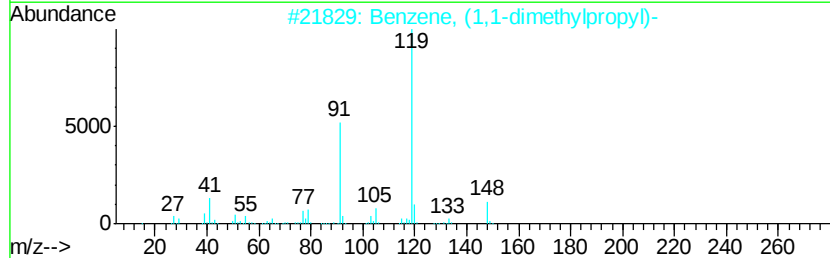
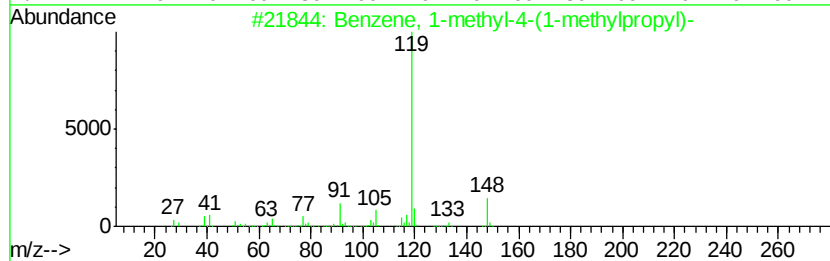
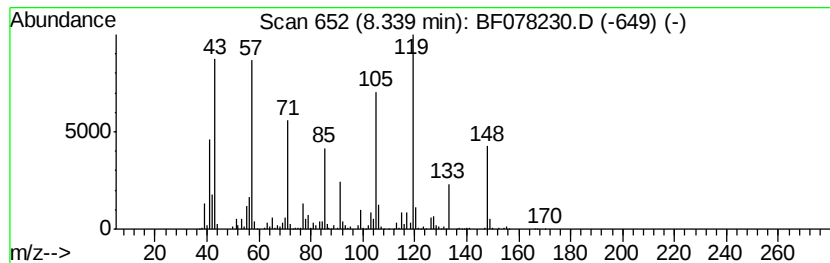
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-methyl-4-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	28.91 ng	2445960	Naphthalene-d8	8.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	50
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
3		Benzoic acid, 2,5-dimethyl-, (2,...	268	C18H20O2	055000-48-1	38
4		Benzoic acid, 2,4-dimethyl-, (2,...	268	C18H20O2	055000-43-6	38
5		Undecane, 2-methyl-	170	C12H26	007045-71-8	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
Data File : BF078230.D
Acq On : 3 Apr 2015 7:26
Operator : TP/IZ
Sample : G1600-02
Misc :
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ClientSampleID :
S-A-3(J)

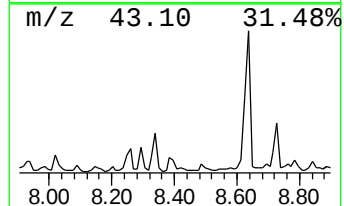
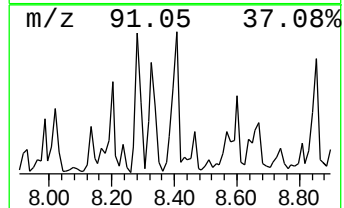
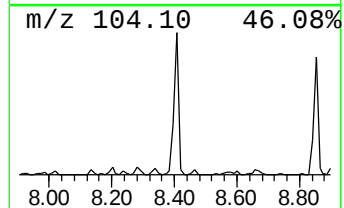
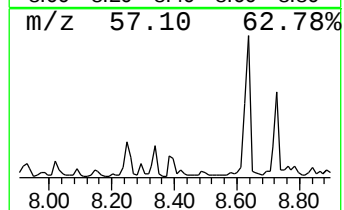
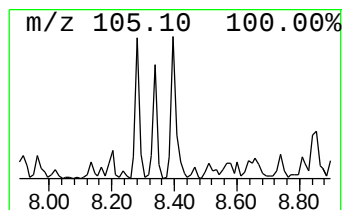
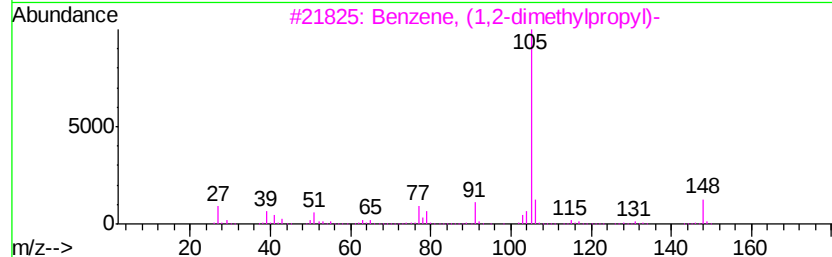
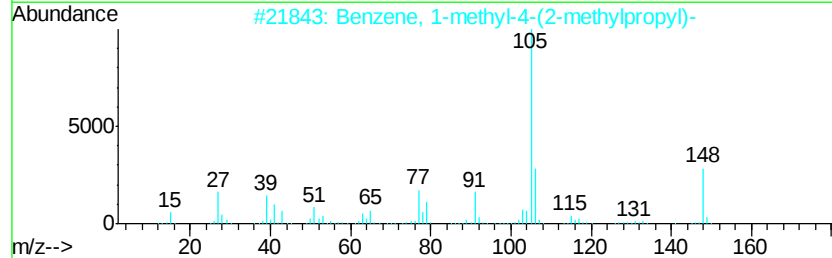
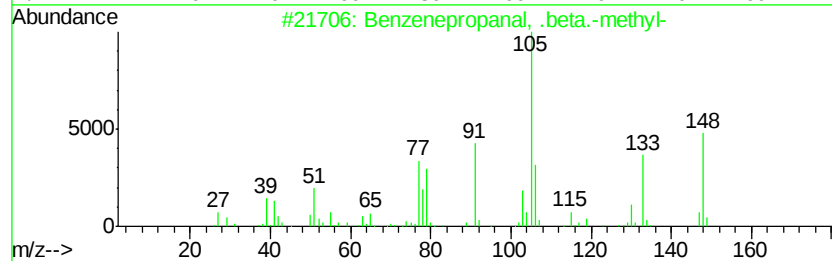
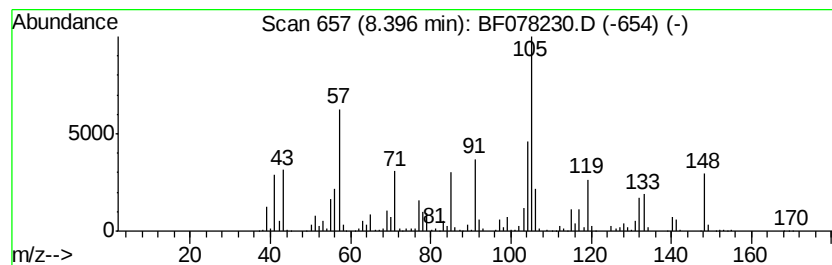
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown8.40 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.40	38.71 ng	3274870	Napthalene-d8	8.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenepropanal, .beta.-methyl-	148	C10H12O	016251-77-7	27
2		Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	27
3		Benzene, (1,2-dimethylpropyl)-	148	C11H16	004481-30-5	25
4		3-Buten-2-ol, 4-phenyl-, (E)-	148	C10H12O	1000163-70-9	22
5		Benzene, (1-methylbutyl)-	148	C11H16	002719-52-0	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
Data File : BF078230.D
Acq On : 3 Apr 2015 7:26
Operator : TP/IZ
Sample : G1600-02
Misc :
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ClientSampleId :
S-A-3(J)

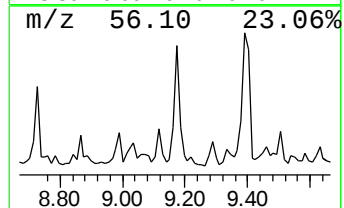
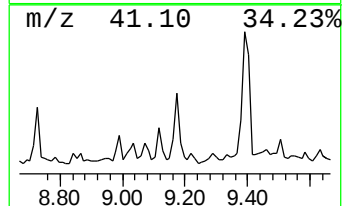
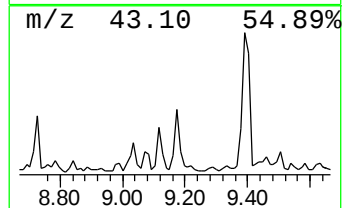
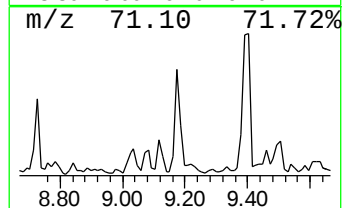
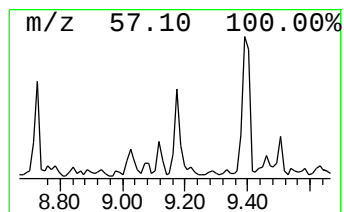
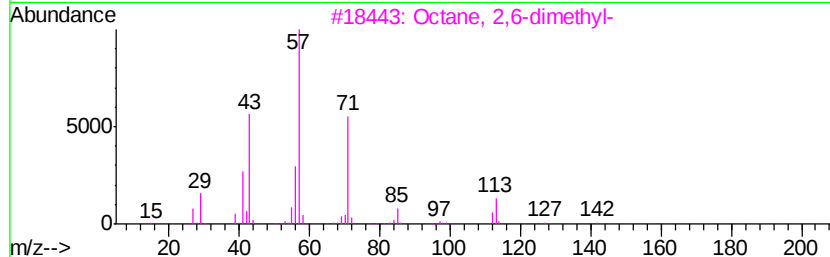
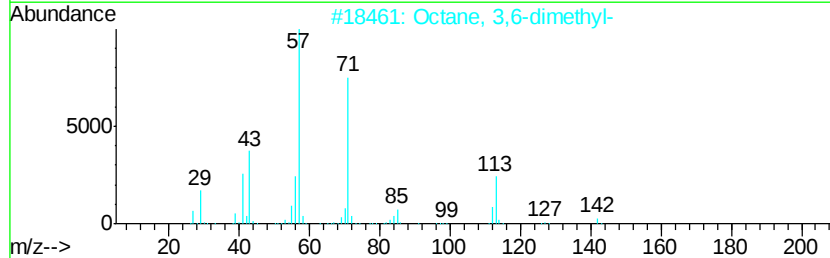
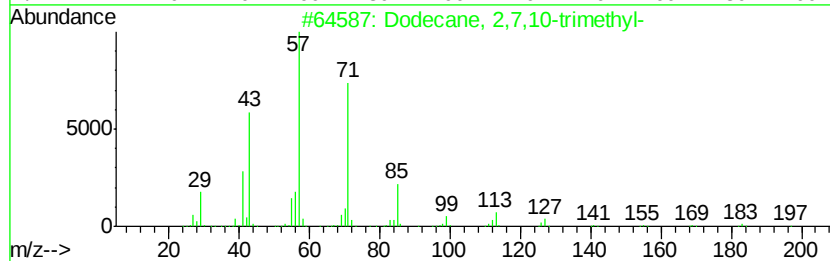
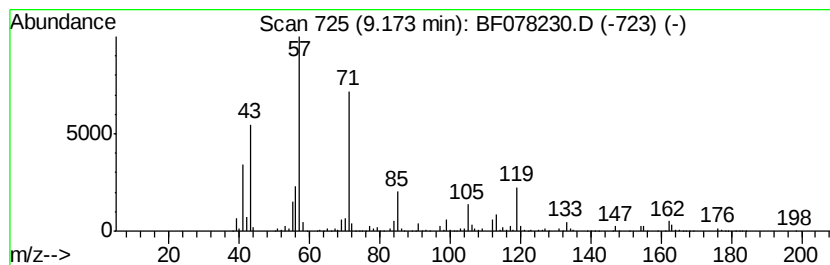
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Dodecane, 2,7,10-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	41.51 ng	3511490	Napthalene-d8	8.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52
4		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	46
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
Data File : BF078230.D
Acq On : 3 Apr 2015 7:26
Operator : TP/IZ
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Misc :
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Instrument :
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ClientSampleId :
S-A-3(J)

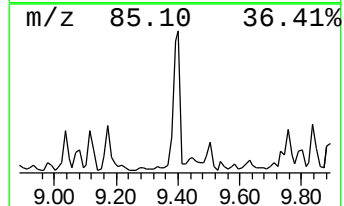
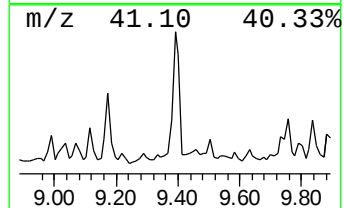
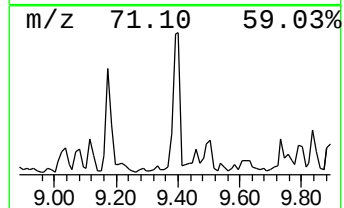
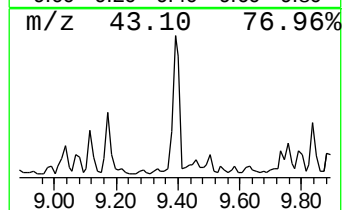
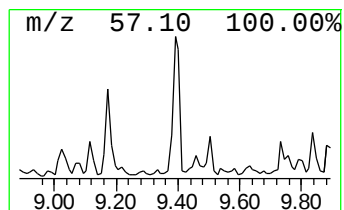
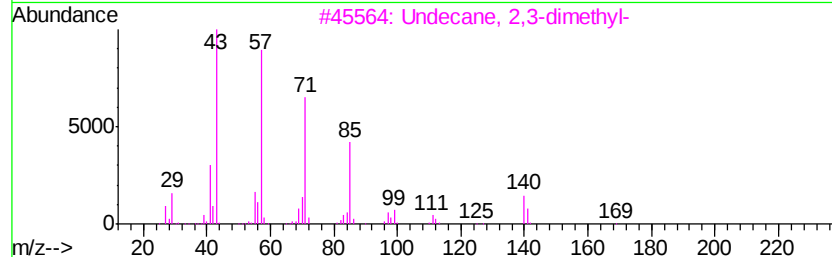
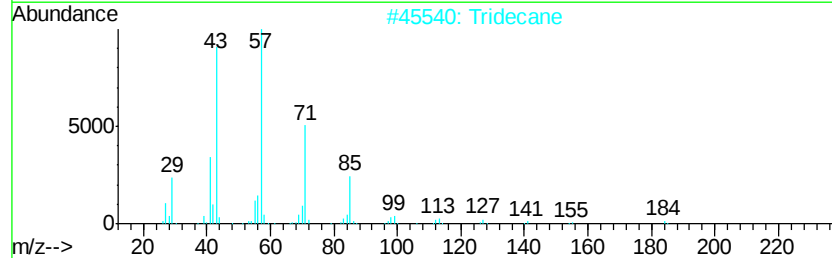
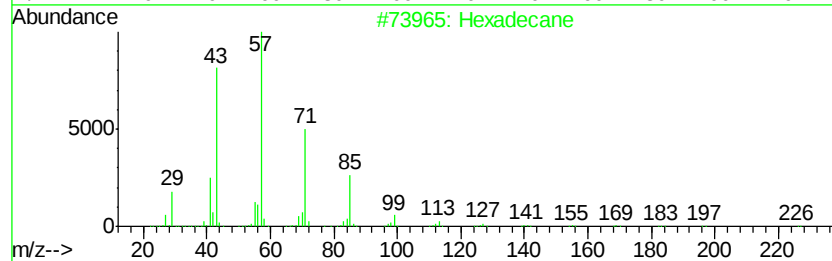
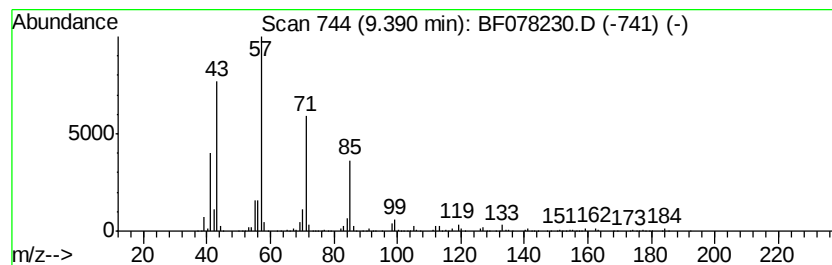
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	74.49 ng	6301420	Naphthalene-d8	8.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Tridecane		184	C13H28	000629-50-5	87
3	Undecane, 2,3-dimethyl-		184	C13H28	017312-77-5	86
4	Tetradecane		198	C14H30	000629-59-4	86
5	Undecane, 6-ethyl-		184	C13H28	017312-60-6	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
Data File : BF078230.D
Acq On : 3 Apr 2015 7:26
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ClientSampleId :
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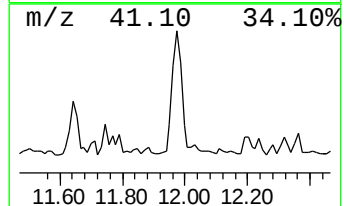
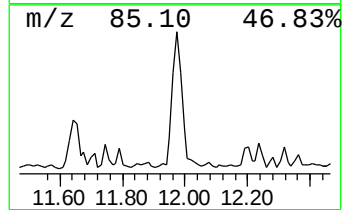
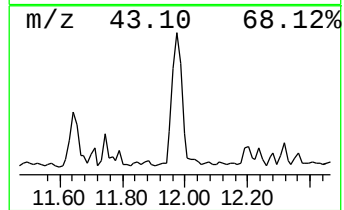
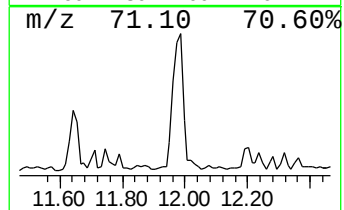
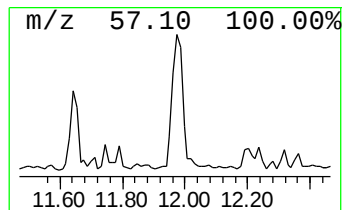
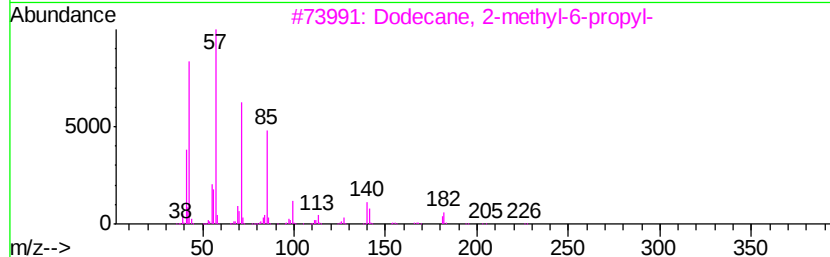
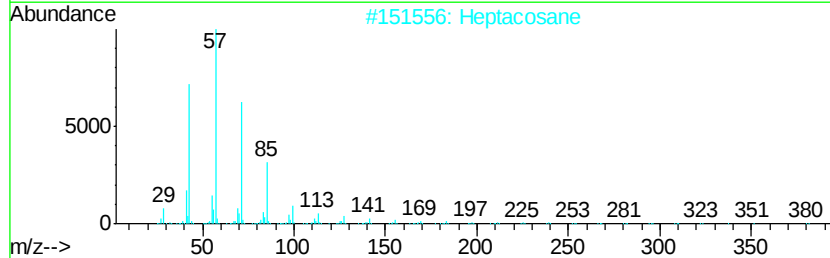
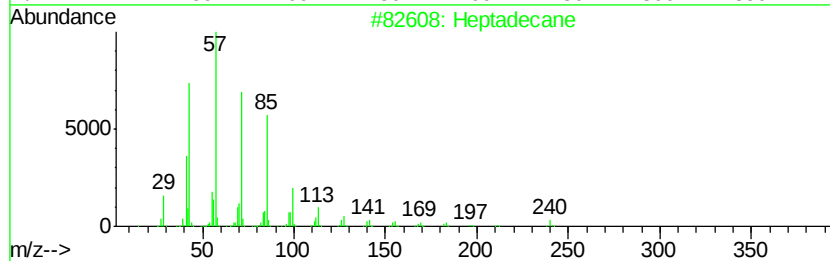
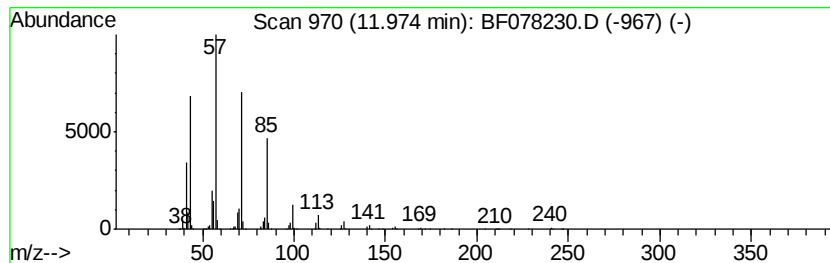
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	215.49 ng	11369200	Phenanthrene-d10	12.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	94
2	Heptacosane		380	C27H56	000593-49-7	90
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	90
4	Pentadecane		212	C15H32	000629-62-9	90
5	Tetradecane		198	C14H30	000629-59-4	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
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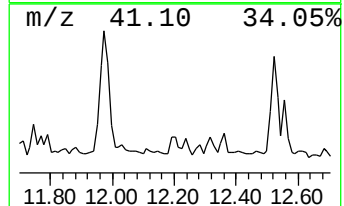
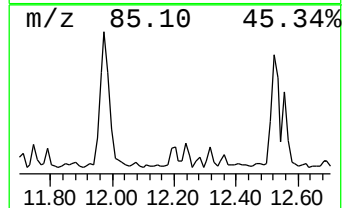
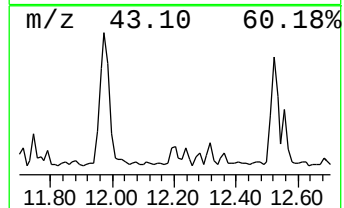
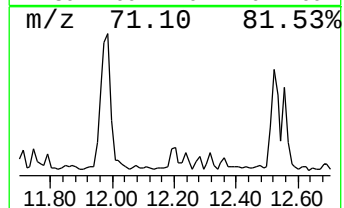
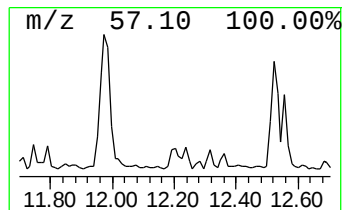
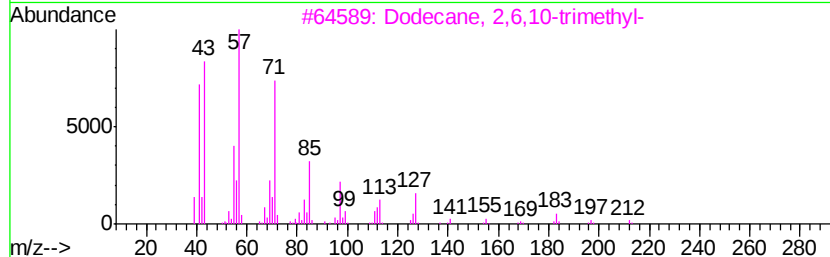
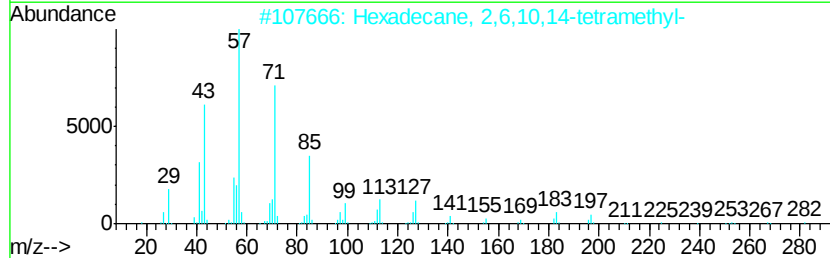
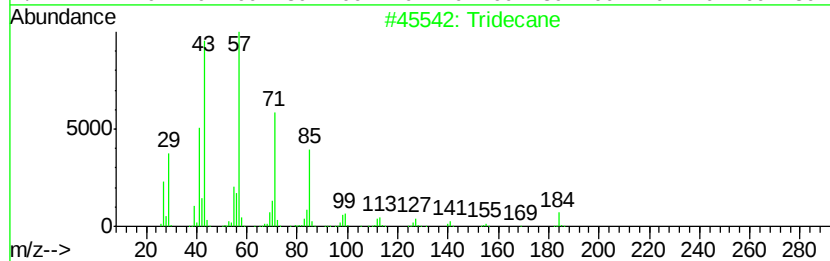
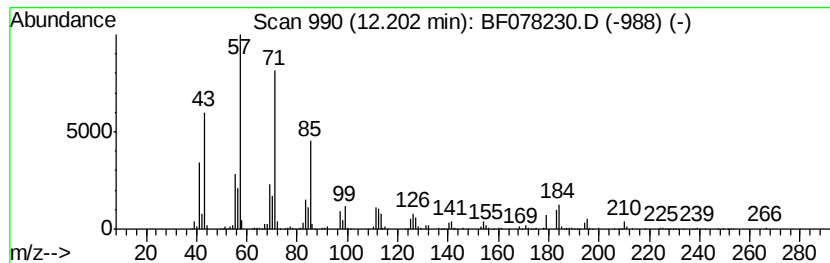
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Tridecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	34.98 ng	1845360	Phenanthrene-d10	12.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	81
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
5		Octacosane	394	C28H58	000630-02-4	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
Data File : BF078230.D
Acq On : 3 Apr 2015 7:26
Operator : TP/IZ
Sample : G1600-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)

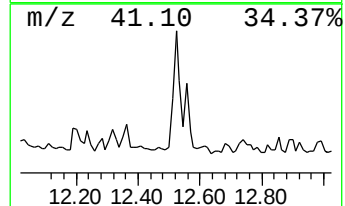
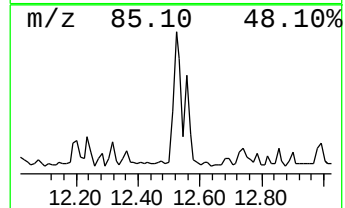
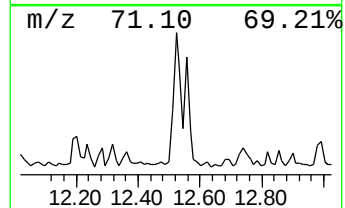
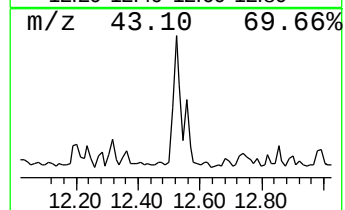
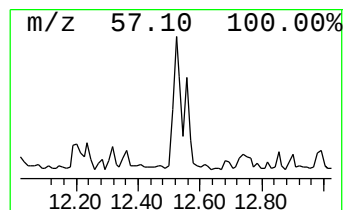
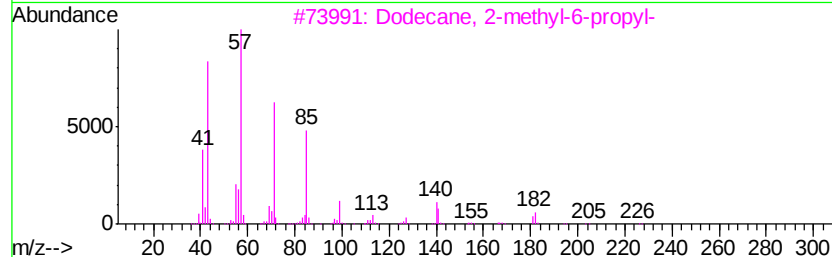
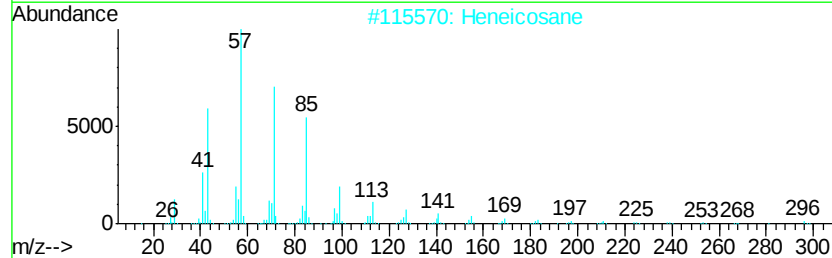
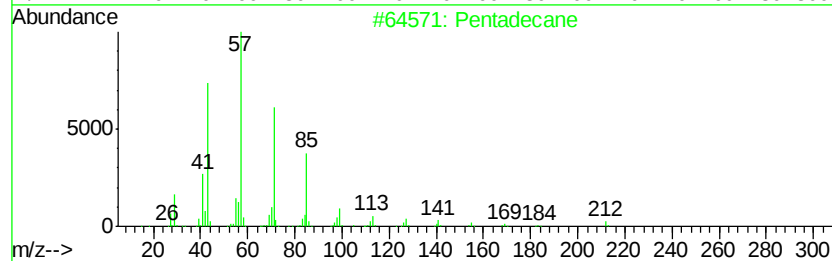
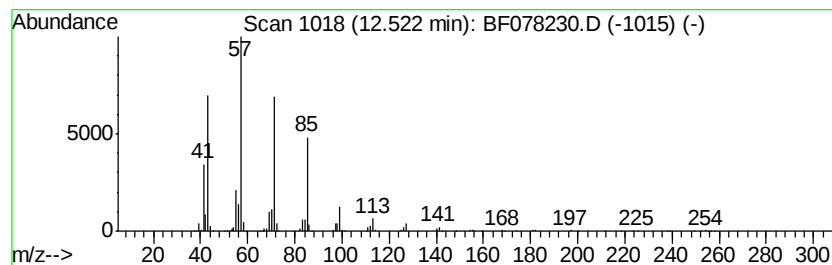
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Pentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	116.73 ng	6158450	Phenanthrene-d10	12.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4		Nonadecane	268	C19H40	000629-92-5	86
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
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ClientSampleId :
S-A-3(J)

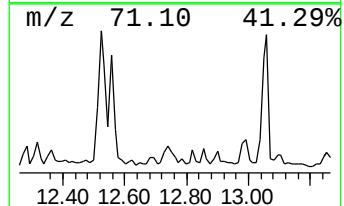
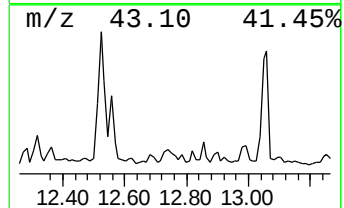
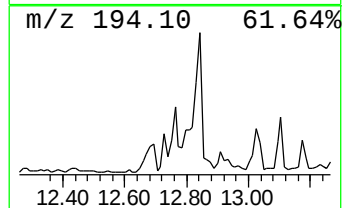
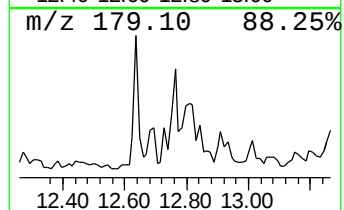
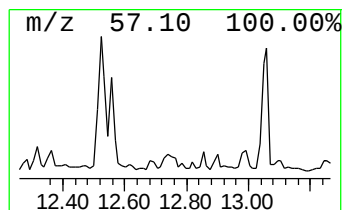
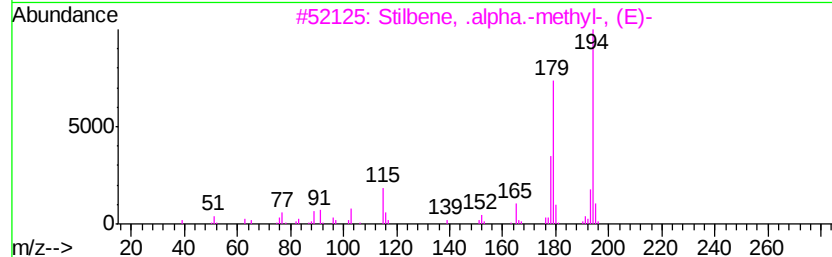
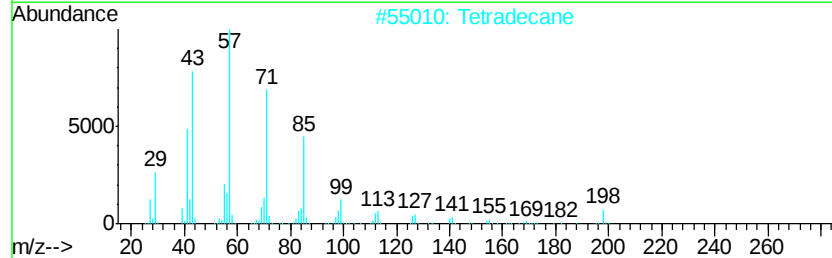
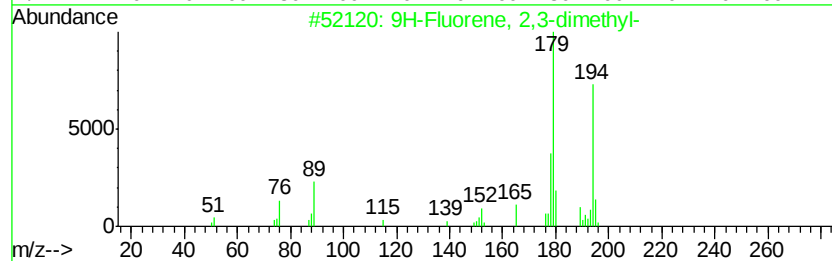
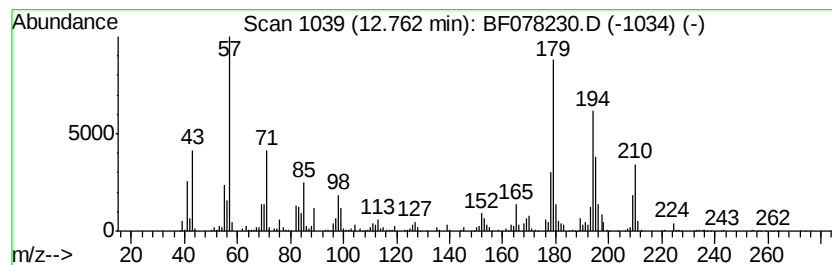
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 9H-Fluorene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	39.49 ng	2083370	Phenanthrene-d10	12.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	86
2		Tetradecane	198	C14H30	000629-59-4	56
3		Stilbene, .alpha.-methvl-, (E)-	194	C15H14	000833-81-8	50
4		.alpha.-Methylstilbene	194	C15H14	000779-51-1	50
5		Benzene, 1-methyl-3-(2-phenyleth...	194	C15H14	014064-48-3	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
Data File : BF078230.D
Acq On : 3 Apr 2015 7:26
Operator : TP/IZ
Sample : G1600-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

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ClientSampleId :
S-A-3(J)

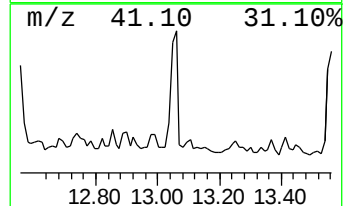
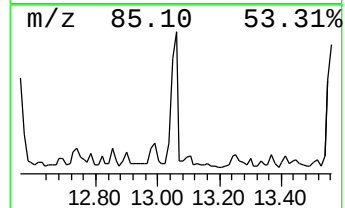
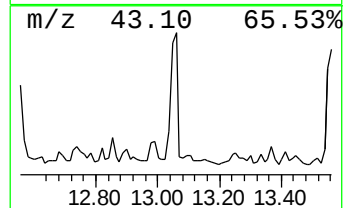
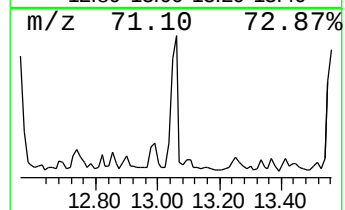
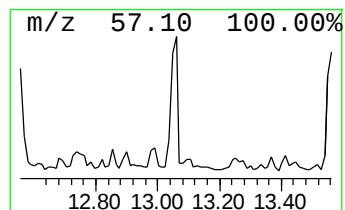
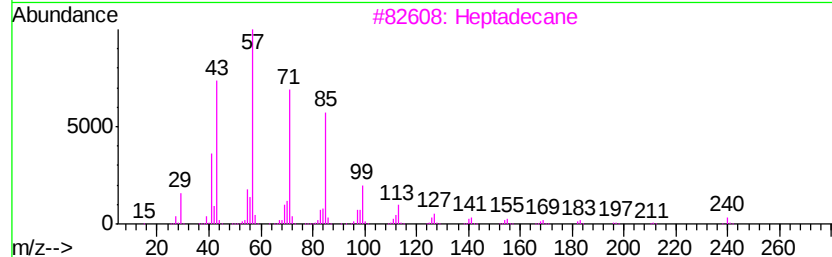
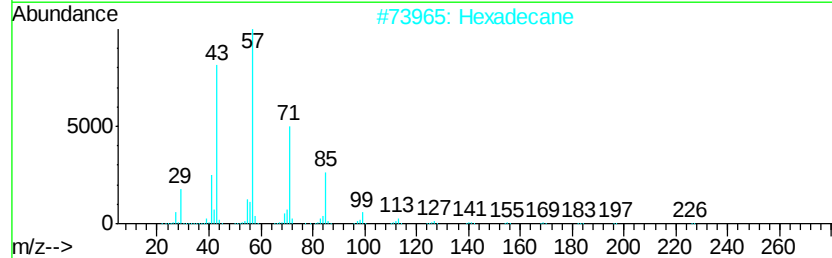
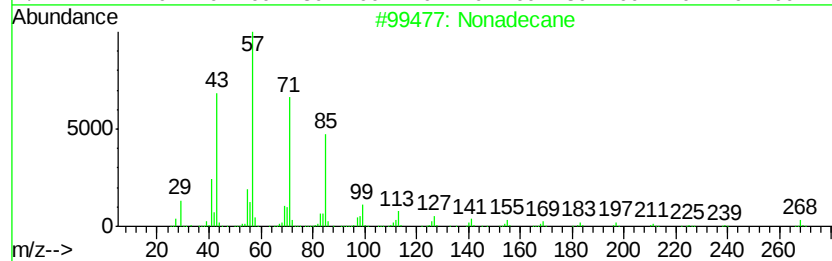
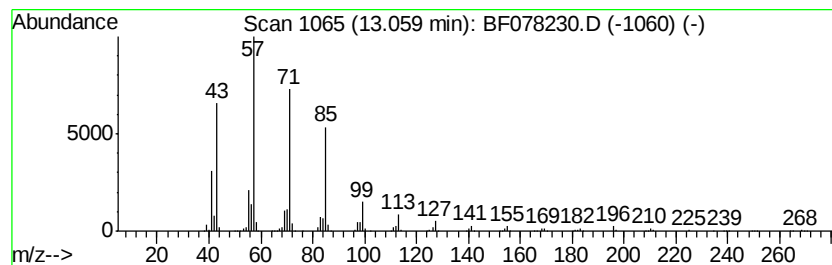
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.06	110.93 ng	5852720	Phenanthrene-d10	12.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	91
2	Hexadecane		226	C16H34	000544-76-3	90
3	Heptadecane		240	C17H36	000629-78-7	90
4	Pentadecane, 2,6,10,14-tetramethyl-		268	C19H40	001921-70-6	76
5	Eicosane		282	C20H42	000112-95-8	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
Data File : BF078230.D
Acq On : 3 Apr 2015 7:26
Operator : TP/IZ
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Misc :
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ClientSampleId :
S-A-3(J)

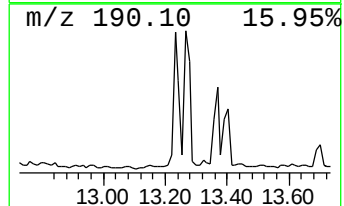
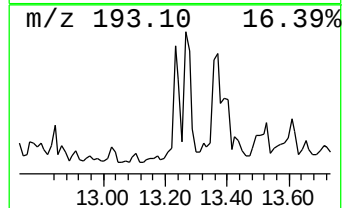
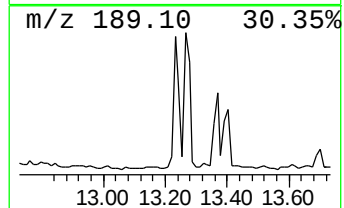
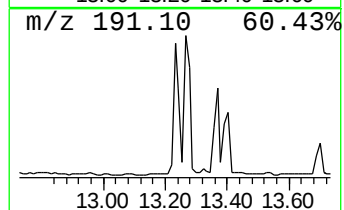
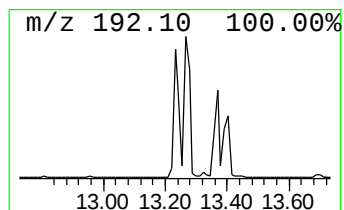
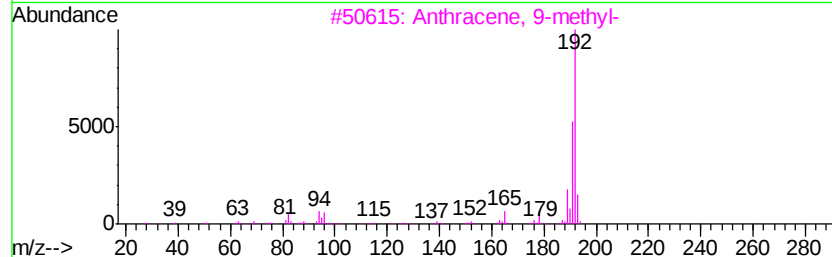
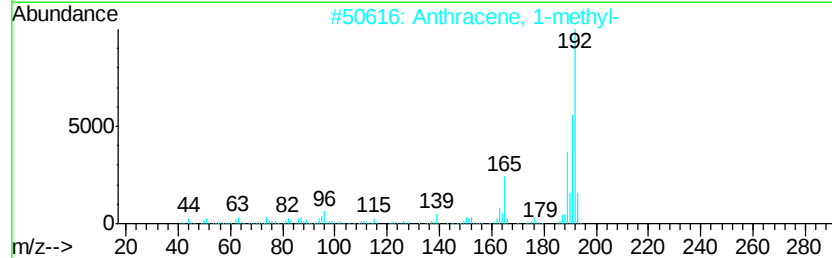
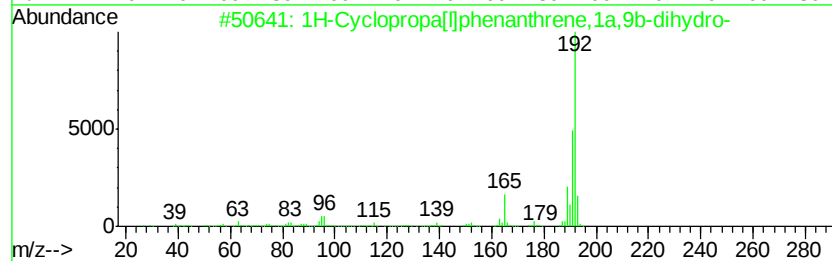
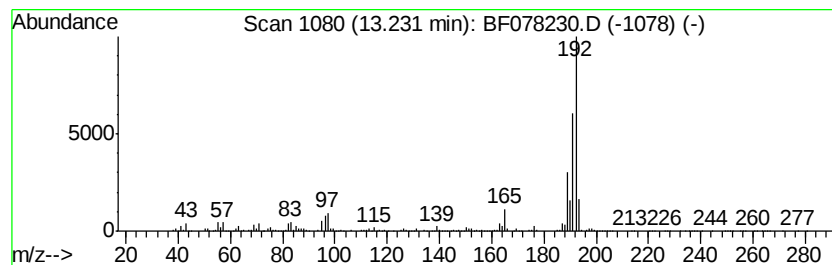
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	31.96 ng	1686420	Phenanthrene-d10	12.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	90
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	81
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
Data File : BF078230.D
Acq On : 3 Apr 2015 7:26
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Misc :
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ClientSampleId :
S-A-3(J)

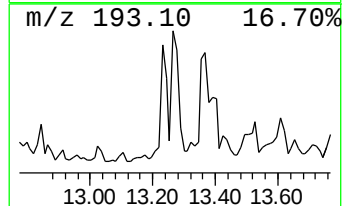
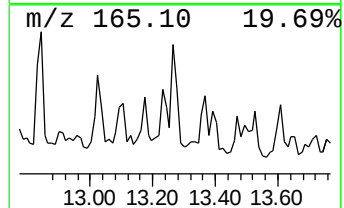
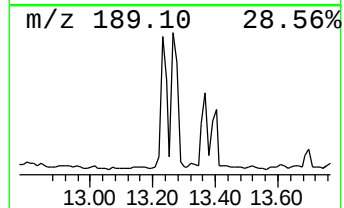
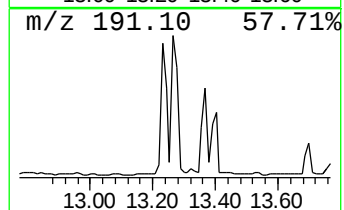
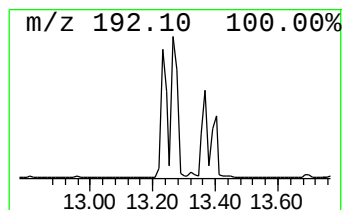
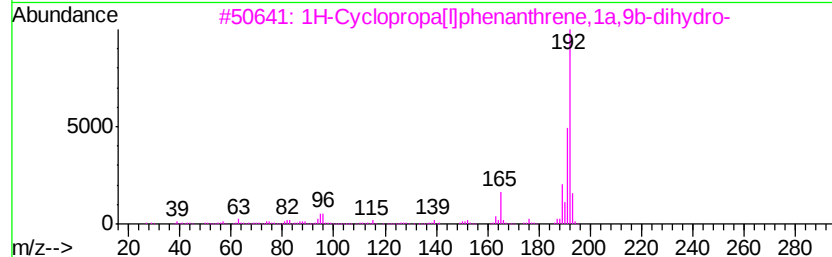
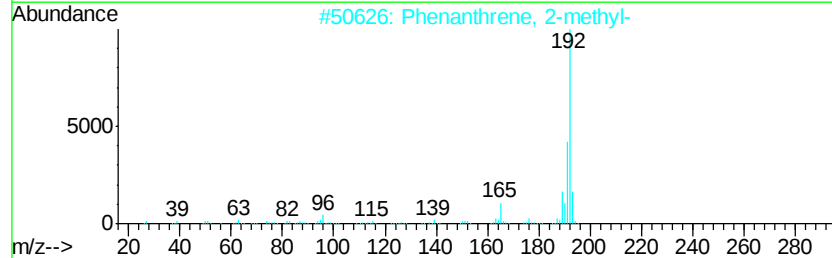
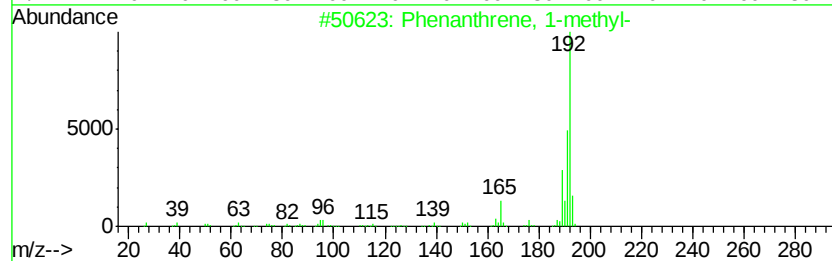
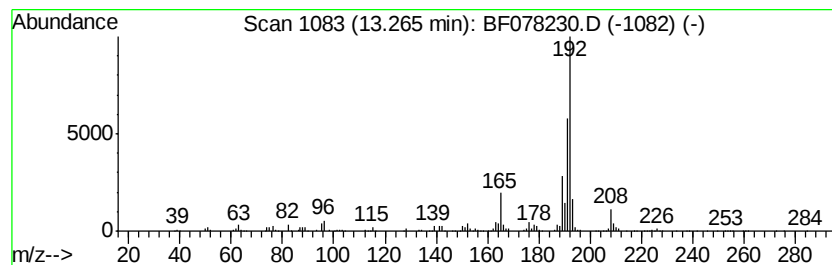
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	33.56 ng	1770640	Phenanthrene-d10	12.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
Data File : BF078230.D
Acq On : 3 Apr 2015 7:26
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ClientSampleId :
S-A-3(J)

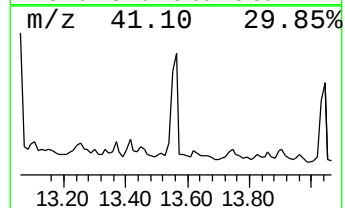
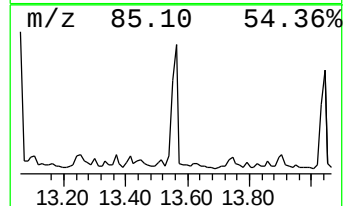
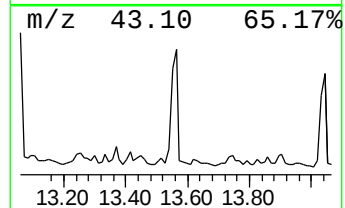
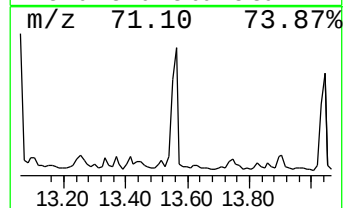
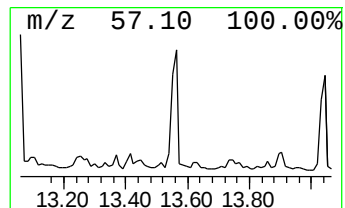
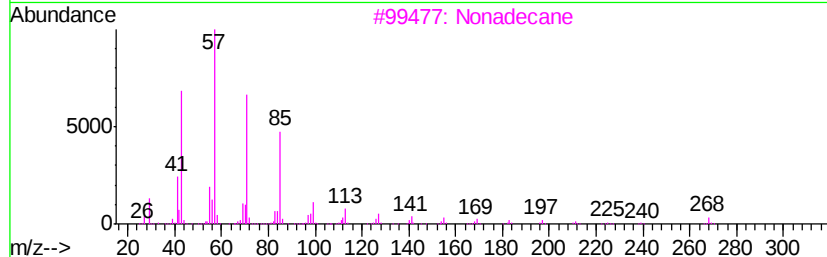
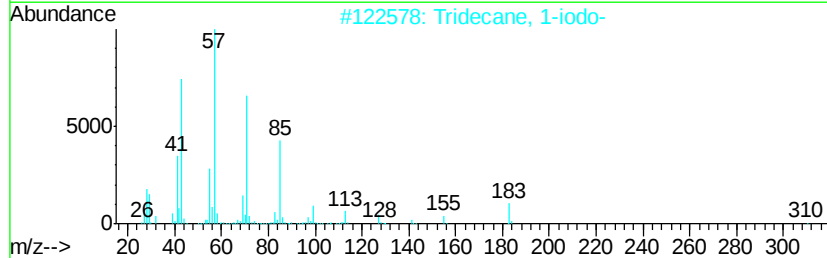
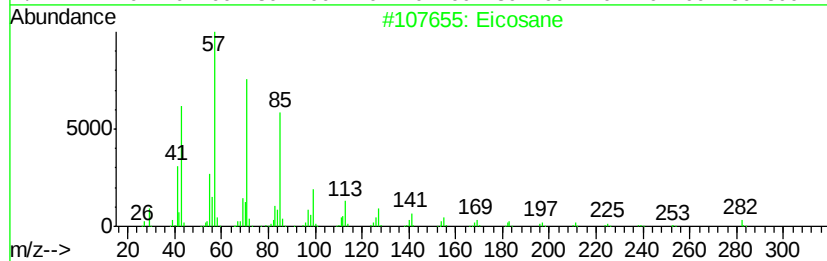
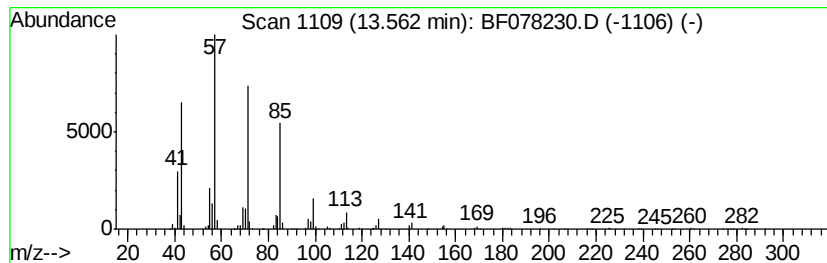
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	80.81 ng	4263250	Phenanthrene-d10	12.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3		Nonadecane	268	C19H40	000629-92-5	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
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Operator : TP/IZ
Sample : G1600-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

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ClientSampleId :
S-A-3(J)

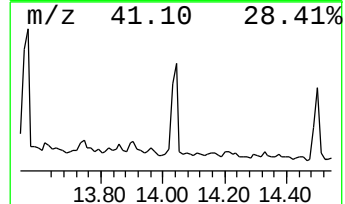
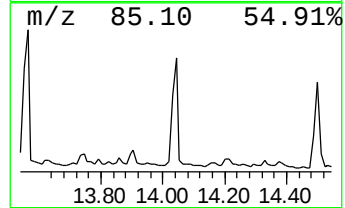
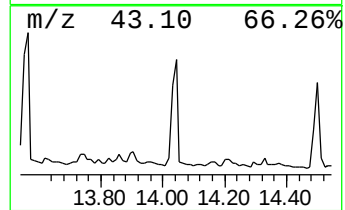
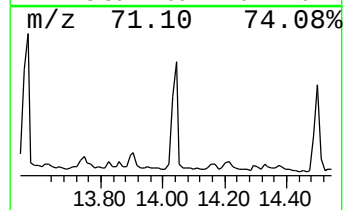
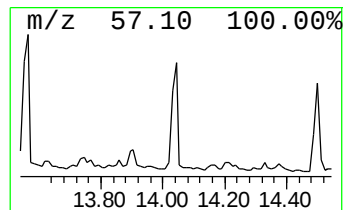
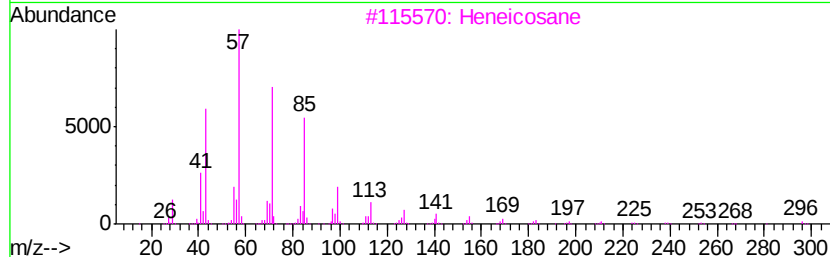
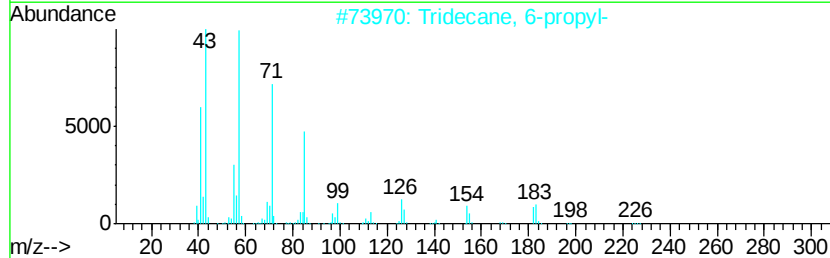
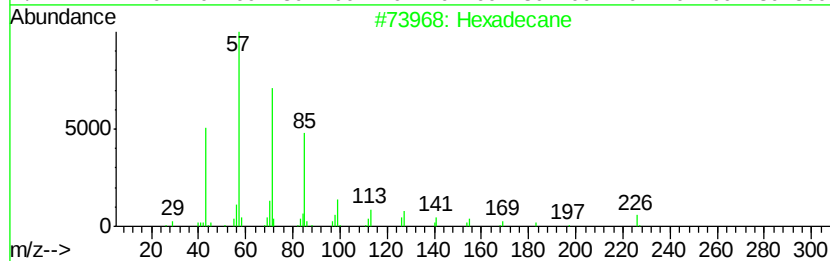
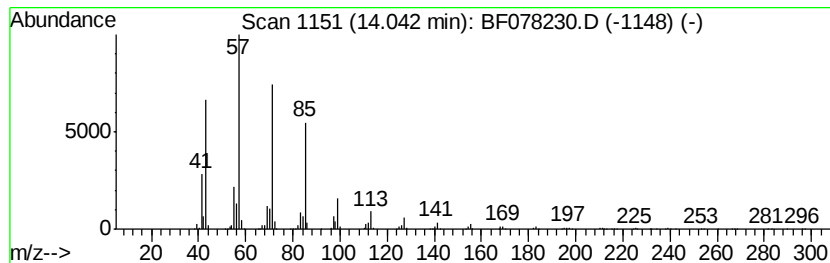
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Tridecane, 6-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	64.91 ng	3424340	Phenanthrene-d10	12.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
Data File : BF078230.D
Acq On : 3 Apr 2015 7:26
Operator : TP/IZ
Sample : G1600-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

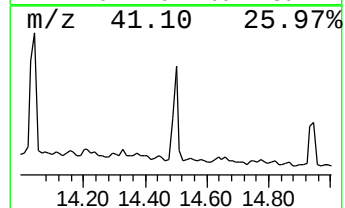
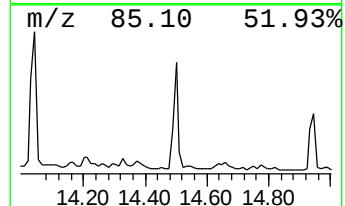
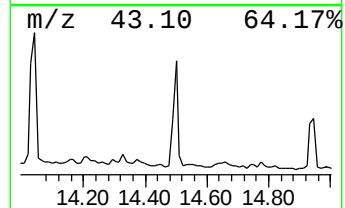
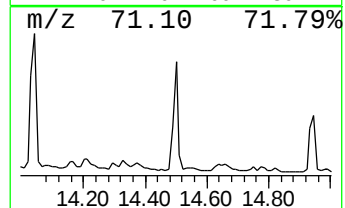
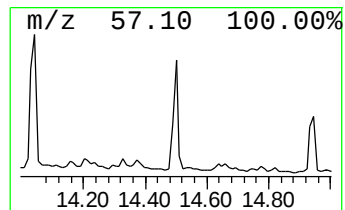
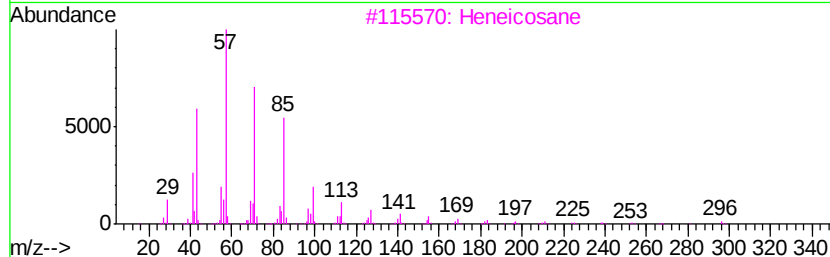
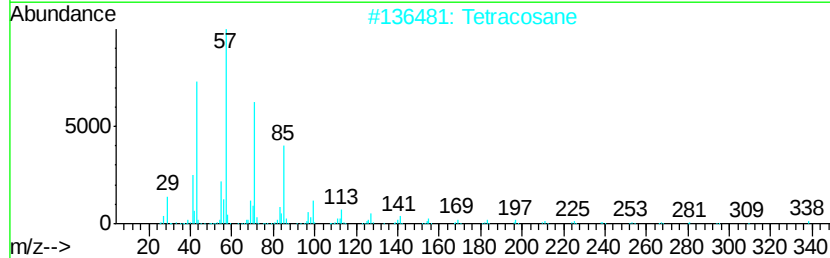
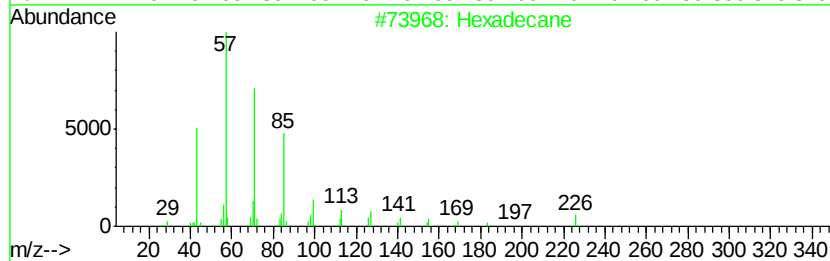
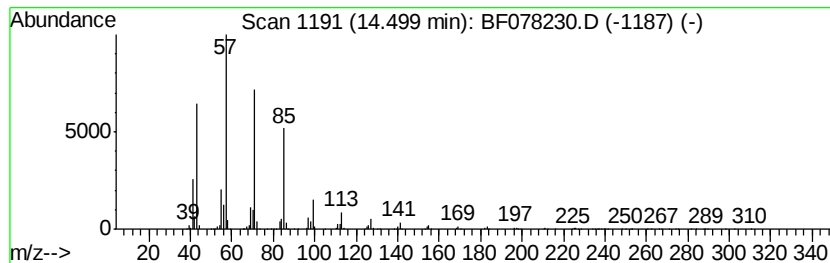
Instrument :
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ClientSampleId :
S-A-3(J)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	63.90 ng	2768700	Chrysene-d12	15.86
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	93
2	Tetracosane	338 C24H50	000646-31-1	91
3	Heneicosane	296 C21H44	000629-94-7	91
4	Tridecane, 6-propyl-	226 C16H34	055045-10-8	87
5	Heptacosane	380 C27H56	000593-49-7	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
Data File : BF078230.D
Acq On : 3 Apr 2015 7:26
Operator : TP/IZ
Sample : G1600-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-A-3(J)

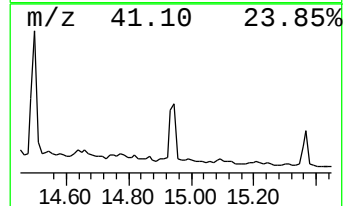
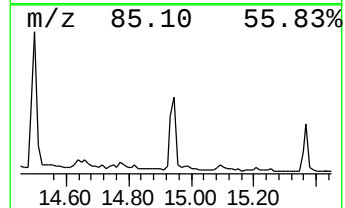
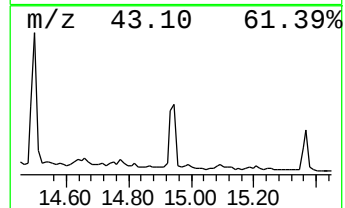
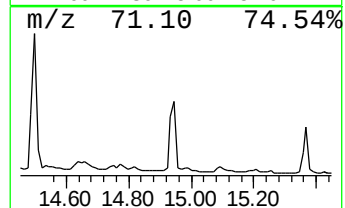
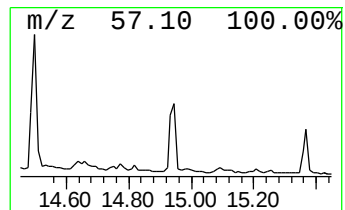
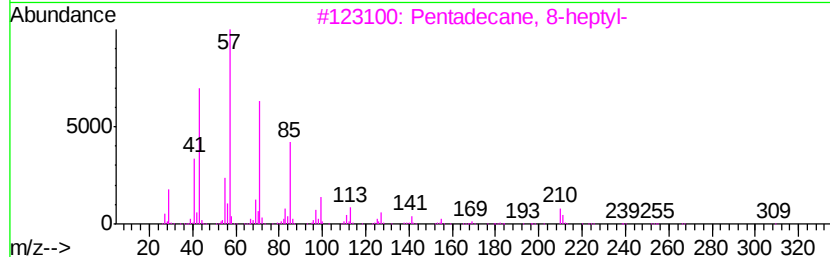
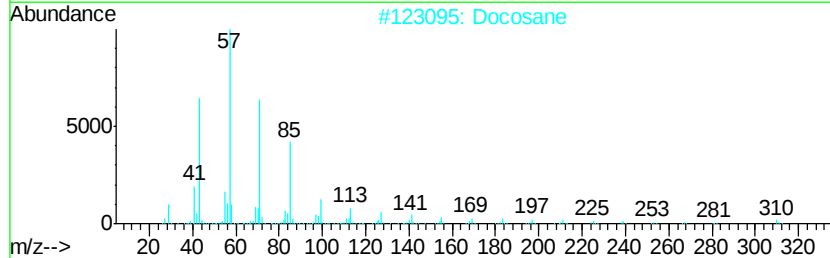
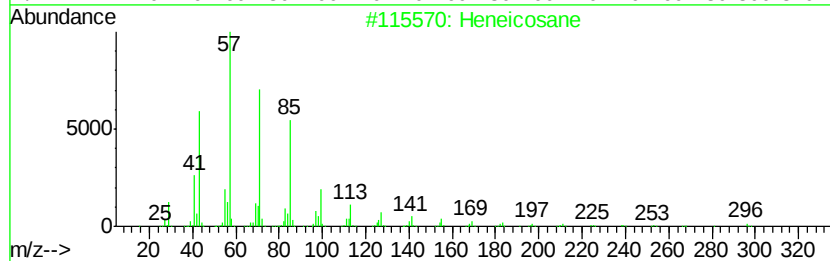
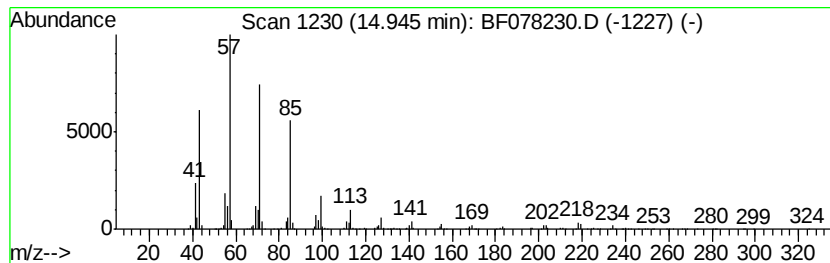
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	37.18 ng	1610770	Chrysene-d12	15.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	91
2		Docosane	310	C22H46	000629-97-0	90
3		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
4		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	87
5		Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
 Data File : BF078230.D
 Acq On : 3 Apr 2015 7:26
 Operator : TP/IZ
 Sample : G1600-02
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-A-3(J)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetradecane	6.84	43.9	ng	2685940	1	7.02	1224470	20.0
Undecane	7.80	72.9	ng	4462930	1	7.02	1224470	20.0
Cyclohexane, pentyl-	8.14	28.6	ng	2418970	2	8.60	1691990	20.0
1-Phenyl-1-butene	8.28	28.4	ng	2405130	2	8.60	1691990	20.0
Benzene, 1-methyl...	8.34	28.9	ng	2445960	2	8.60	1691990	20.0
unknown8.40	8.40	38.7	ng	3274870	2	8.60	1691990	20.0
Dodecane, 2,7,10-...	9.17	41.5	ng	3511490	2	8.60	1691990	20.0
Hexadecane	9.39	74.5	ng	6301420	2	8.60	1691990	20.0
Heptadecane	11.97	215.5	ng	11369200	4	12.60	1055180	20.0
Tridecane	12.20	35.0	ng	1845360	4	12.60	1055180	20.0
Pentadecane	12.52	116.7	ng	6158450	4	12.60	1055180	20.0
9H-Fluorene, 2,3-...	12.76	39.5	ng	2083370	4	12.60	1055180	20.0
Nonadecane	13.06	110.9	ng	5852720	4	12.60	1055180	20.0
1H-Cyclopropa[1]p...	13.23	32.0	ng	1686420	4	12.60	1055180	20.0
Phenanthrene, 1-m...	13.27	33.6	ng	1770640	4	12.60	1055180	20.0
Eicosane	13.56	80.8	ng	4263250	4	12.60	1055180	20.0
Tridecane, 6-propyl-	14.04	64.9	ng	3424340	4	12.60	1055180	20.0
Tetracosane	14.50	63.9	ng	2768700	5	15.86	866523	20.0
Heneicosane	14.95	37.2	ng	1610770	5	15.86	866523	20.0